



PATENT 450100-2780.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :

Tetsujiro KONDG

Serial No. :

09/075,666

Filed

May 11, 1998

For

DIGITAL DATA CONVERSION EQUIPMENT AND A METHOD

FOR THE SAME

Art Unit

2858

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231, on November 9, 1998

Washington, D.C. 20231, on November 9, 19

Sondow Kessler # \$ 57/

102: William S. Frommer, Reg. No. 25,506

Name of Applicant, Assignee or Registered Represeptative

Signature

November 9, 1998

Date of Signature

RECEIVED SEP 27 1999 TECH CENTER 2700

SECOND REQUEST FOR CORRECTED FILING RECEIPT

Application Processing Division's Customer Correction Branch Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

This is a Request to correct the Filing Receipt issued in the above-identified application, the first such request having been filed on July 29, 1998. The "CORRECTED" Filing Receipt did not incorporate the requested corrections.

TECHNOLOGY CENTER 28001

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This is a re-issue application of Patent No. 5,517,588; hence the Filing Receipt of this application should conform to the data on the signed declaration and the patent.

UNDER APPLICANTS:

After Kondo please change -- "TOKYO, JAPAN" -- to -- KANAGAWA, JAPAN--;

UNDER FOREIGN APPLICATIONS -

Please change "155719" to --4-155719--.

A copy of the Filing Receipt with the requested correction(s) noted thereon in red ink and a copy of the first page of the patent that issued are enclosed.

The issuance of a corrected Filing Receipt is respectfully requested.

Please charge any fees required for this correction or credit any overpayment to Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP Attorneys for Applicant

. //.//

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PTO-#03X7 (Rev. 8-95):

FILING RECEIPT

CORRECTED



UNITED STATES L. ARTMENT OF COMMERCE Patent and Trademark ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/075,666	05/11/98	2858	\$1,760.00	450100-2780.	7	38	12

WILLIAM S FROMMER FROMMER LAWRENCE AND HAMO 745 FIFTH AVENUE NEW YORK NY 10151

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon. KANAGAWA

Applicant(s)

TETSUJIRO KONDO, POKYO, JAPAN.

CONTINUING DATA AS CLAIMED BY APPLICANT-THIS APPLN IS A RE OF 08/061,730 05/17/93 PAT 5,517,588

FOREIGN APPLICATIONS-

JAPAN

 $\mu - 155719$

05/22/92

TITLE

DIGITAL DATA CONVERSION EQUIPMENT AND A METHOD FOR THE SAME

PRELIMINARY CLASS: 382

United States Patent [19]

Kondo

Patent Number: [11]

5,517,588

Date of Patent: [45]

May 14, 1996

DIGITAL DATA CONVERSION EQUIPMENT AND A METHOD FOR THE SAME

Assignee: Sony Corporation, Tokyo, Japan

Appl. No.: 61,730 [21]

May 22, 1992

[56]

[22] Filed: May 17, 1993

[30] Foreign Application Priority Data

[51]	Int. Cl. ⁶ H04N 7/01
	U.S. Cl
	Field of Search
	202/254 276 200 200 259/140 160

382/254, 276, 299, 300; 358/140, 160, 180, 428; 348/443, 445, 454, 426, 448,

[JP] Japan 4-155719

452; 345/136; 364/723

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Primary Examiner-Joseph Mancuso Assistant Examiner-Larry J. Prikockis Attorney, Agent, or Firm-William S. Frommer; Alvin Sinderbrand

ABSTRACT [57]

In digital data conversion apparatus and method, class data are generated in association with reference interpolated data for each of a plurality of classes on the basis of a reference high definition digital video signal which includes a reference standard definition digital video signal in addition to the reference interpolated data. The class data is stored at respective addresses in a memory. A standard definition digital video signal representing pixel values is received and then clustered so as to produce a class corresponding to the pixel values of the standard definition digital video signal. The class data is retrieved from the memory address which corresponds to the class of the standard definition digital video signal, and interpolated data is generated in accordance with the standard definition digital video signal and the retrieved class data with such interpolated data constituting a high definition digital video signal.

14 Claims, 7 Drawing Sheets

